

Figure 1

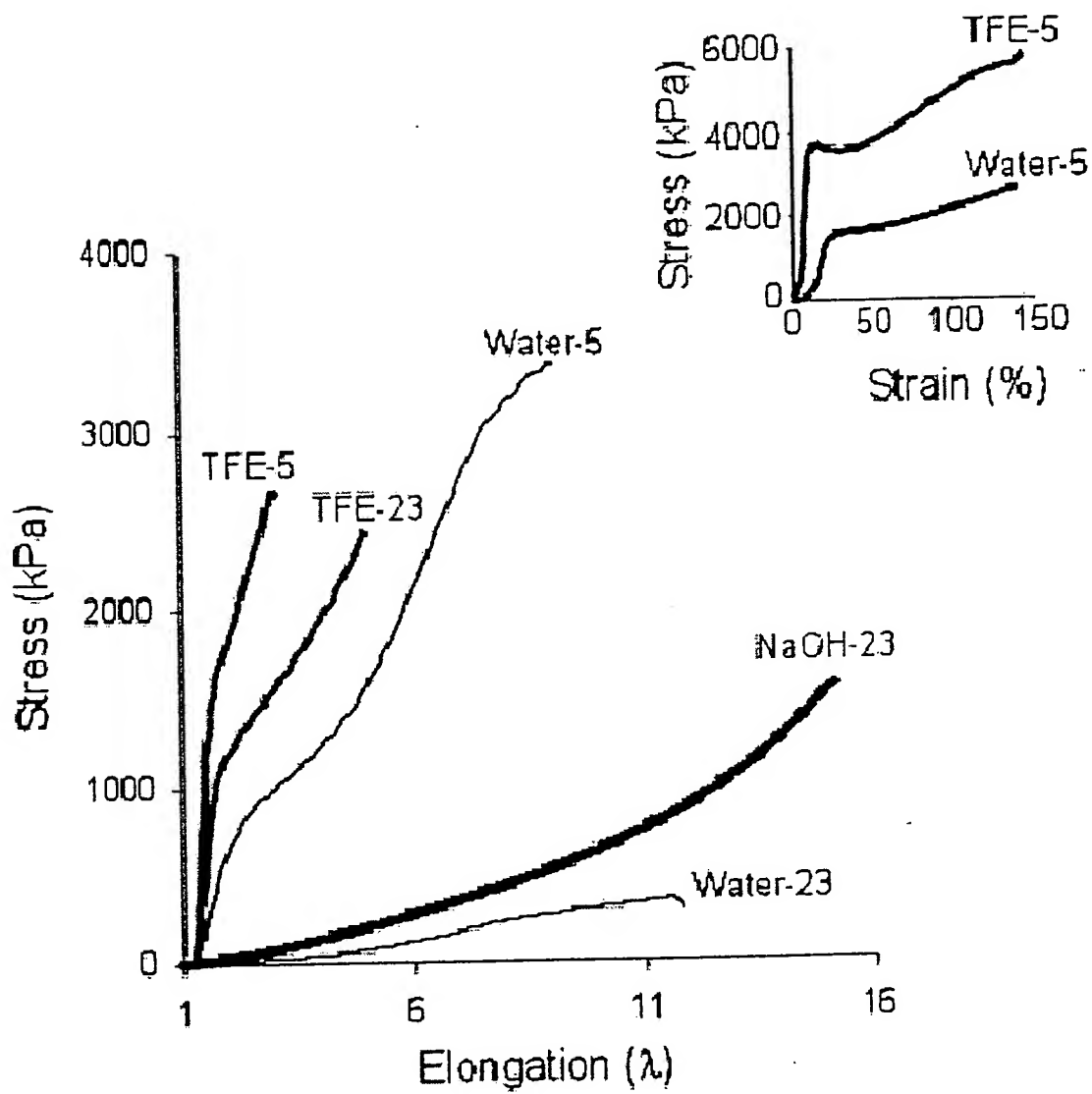


Figure 2

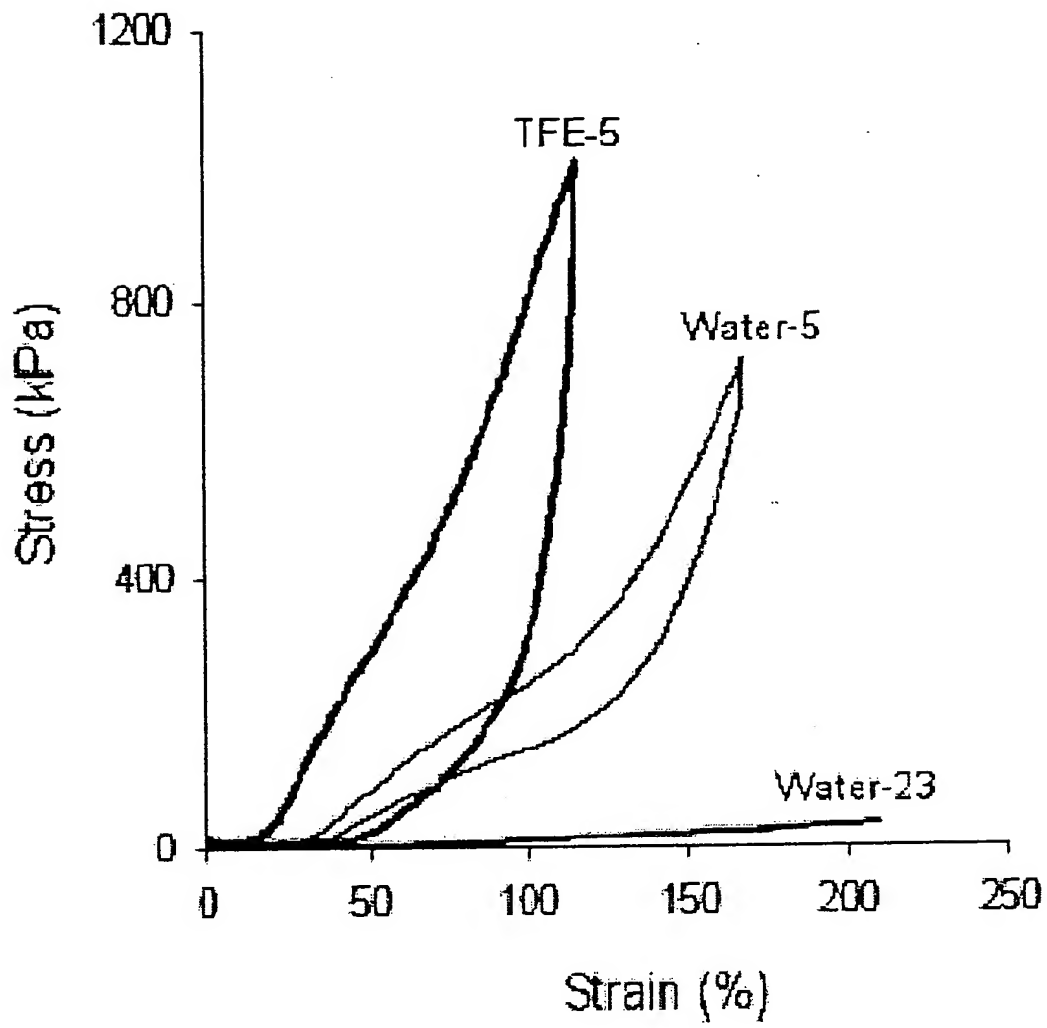


Figure 3

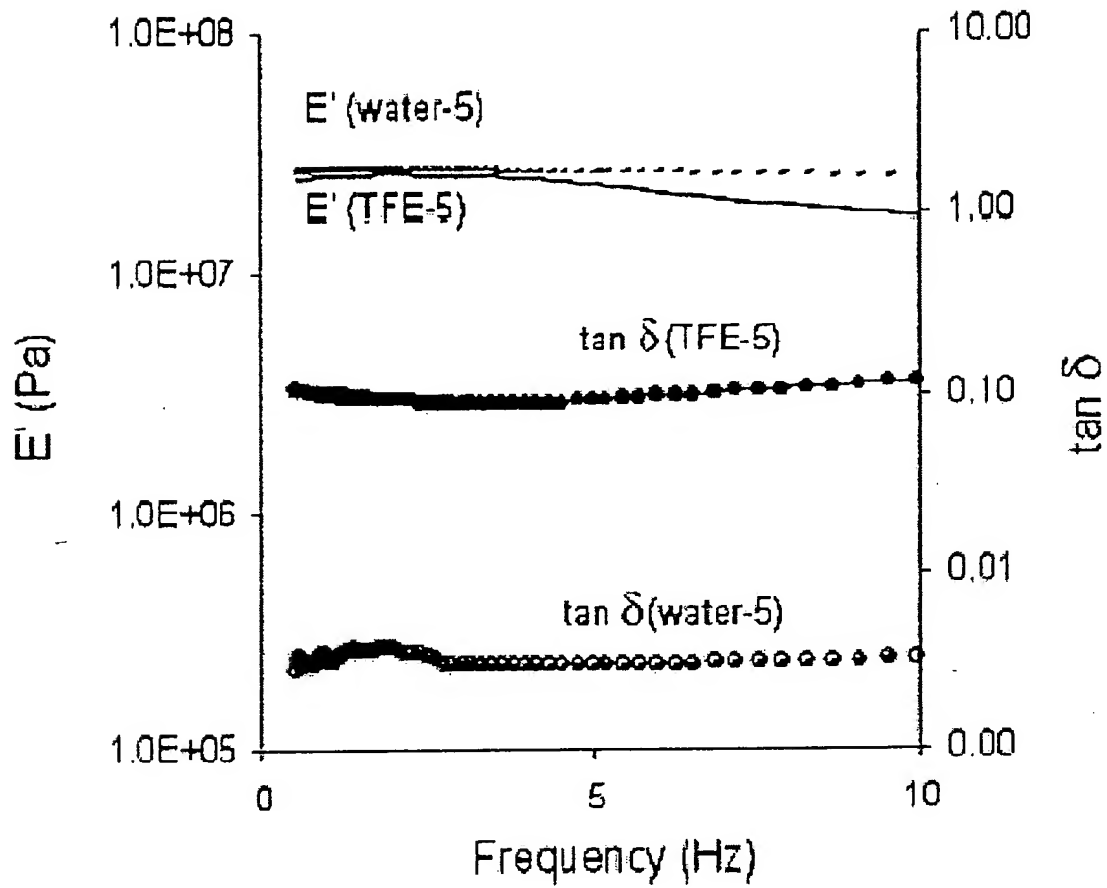


Figure 4.

CTC TTC N NN NNN  
 GAG AAG N NN NNN  
 \*

CTC TTC N NN NNN  
 GAG AAG N NN NNN  
 \*

Figure 5A

CTC TTC AGT ANN --- --- --- --- N NG TAT GAA GAG  
 GAG AAG TCA TNN --- --- --- --- N NC ATA CTT CTC  
 \*

CTC TTC AGT ANN --- --- --- --- N NG TAT GAA GAG  
 GAG AAG TCA TNN --- --- --- --- N NC ATA CTT CTC  
 \*

Figure 5B

US 200

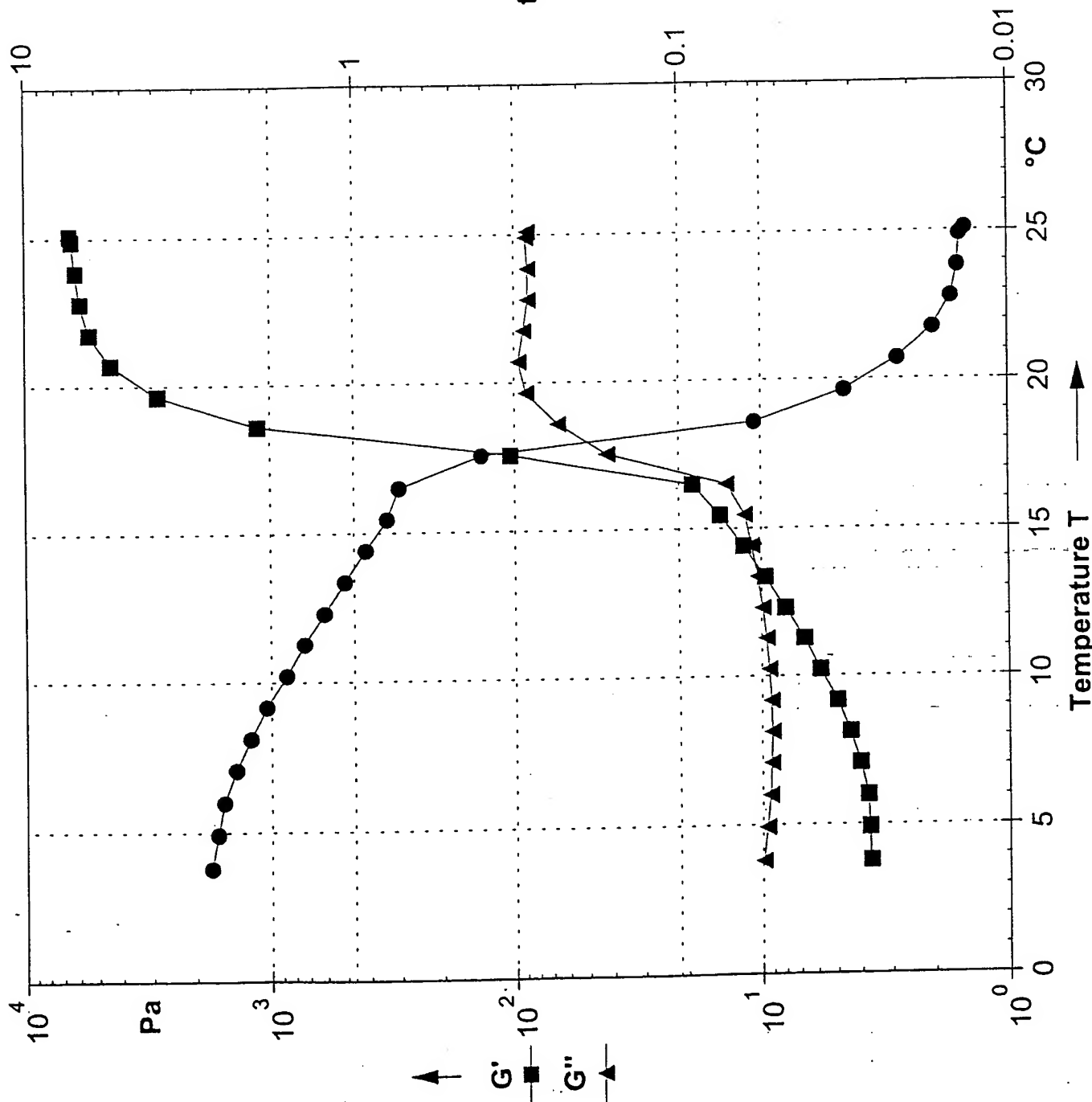


FIG. 6A

Temperature Sweep c5 neutral 2 1  
PP 25 d=0.5 mm  
—■— G'  
—▲— G''  
—●— tan(δ)

Inventors: Chaikof et al.  
Title: "Plastic and Elastic Protein Copolymer Systems"  
Filed 11/21/03  
Attorney Docket 133-02

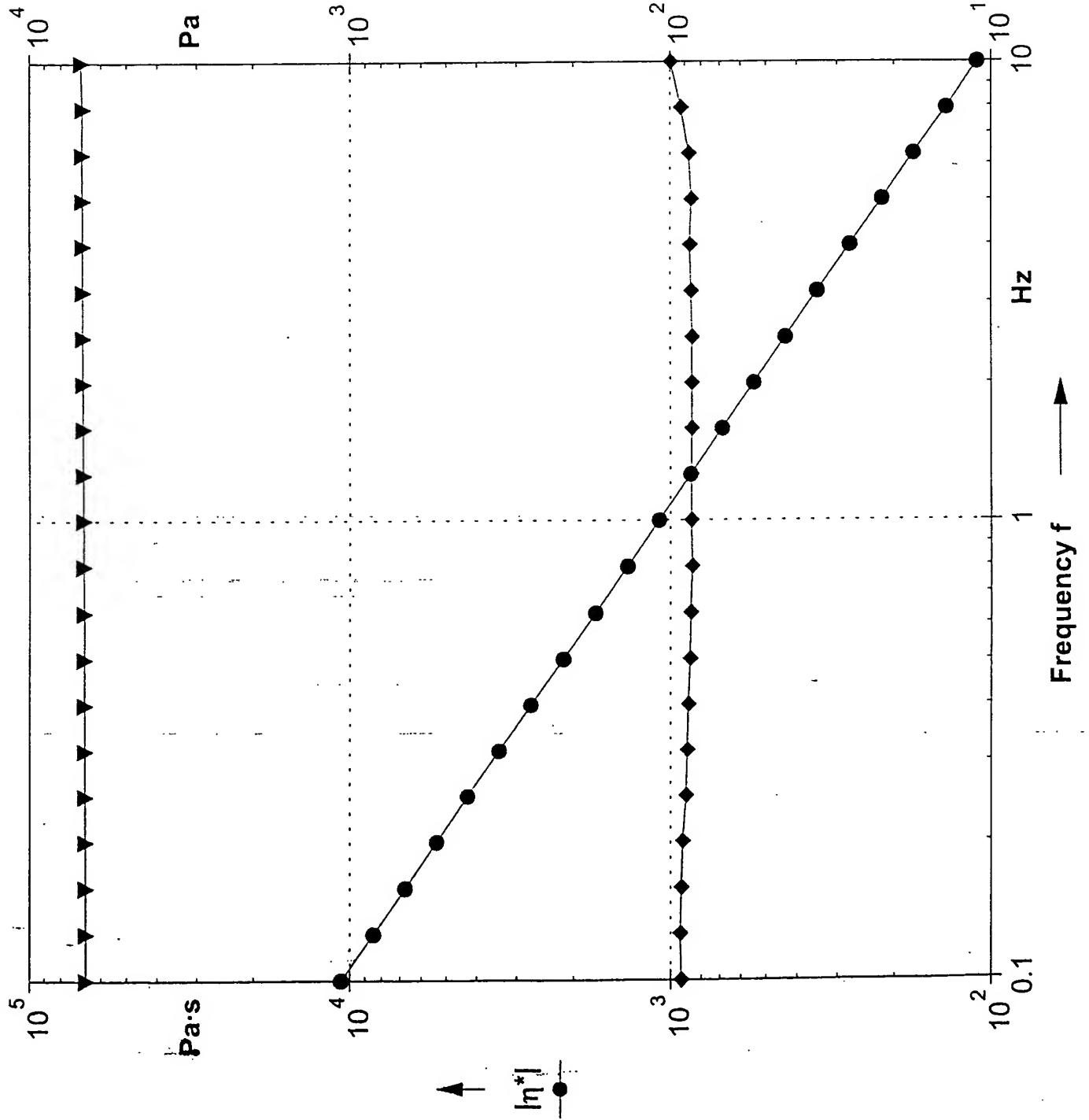


FIG. 6B

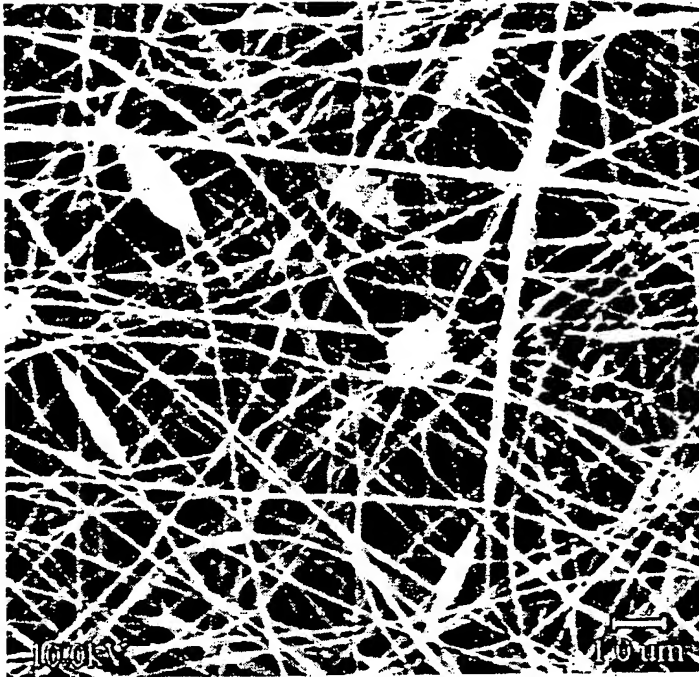


Figure 7.

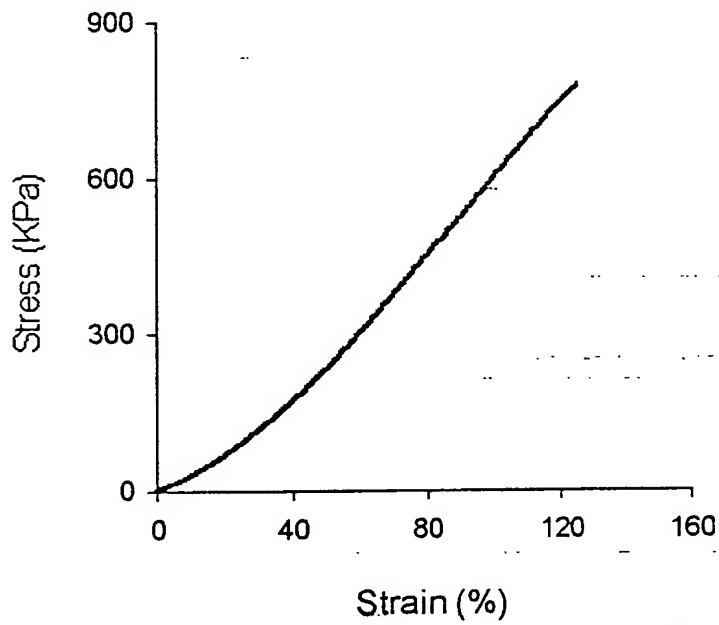


Figure 8.



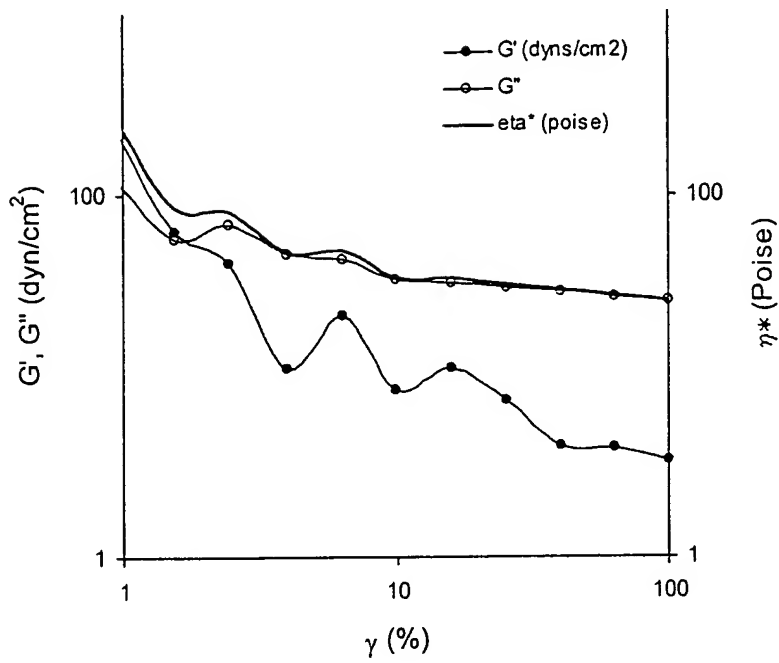


Figure 9.

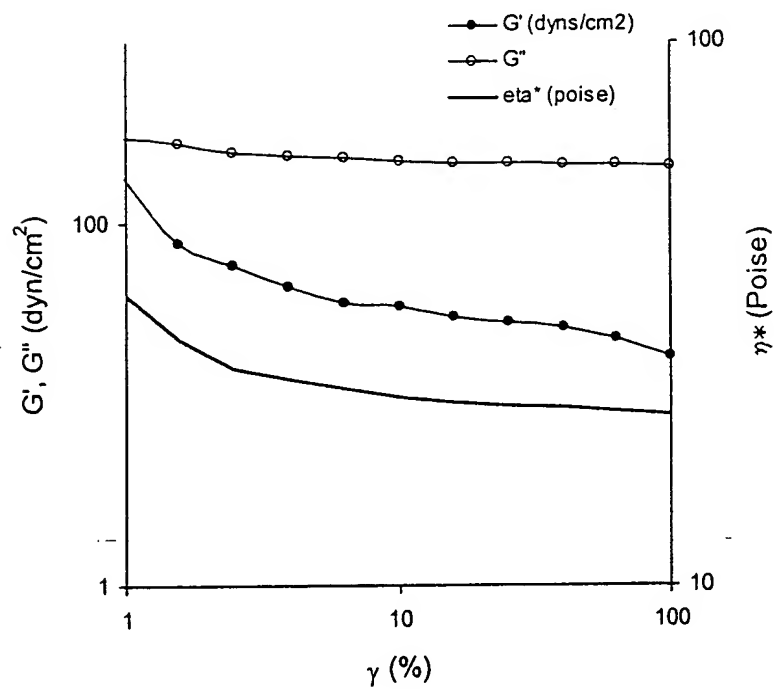


Figure 10.

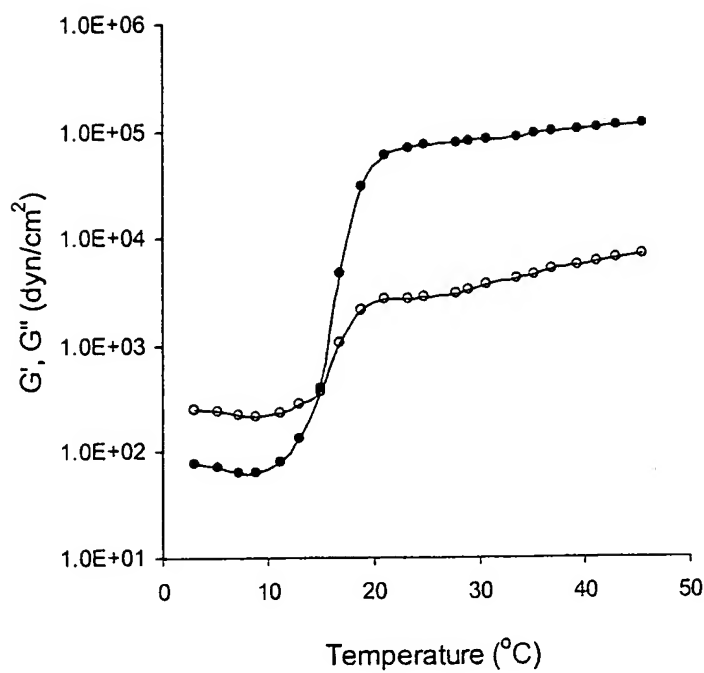


Figure 11.

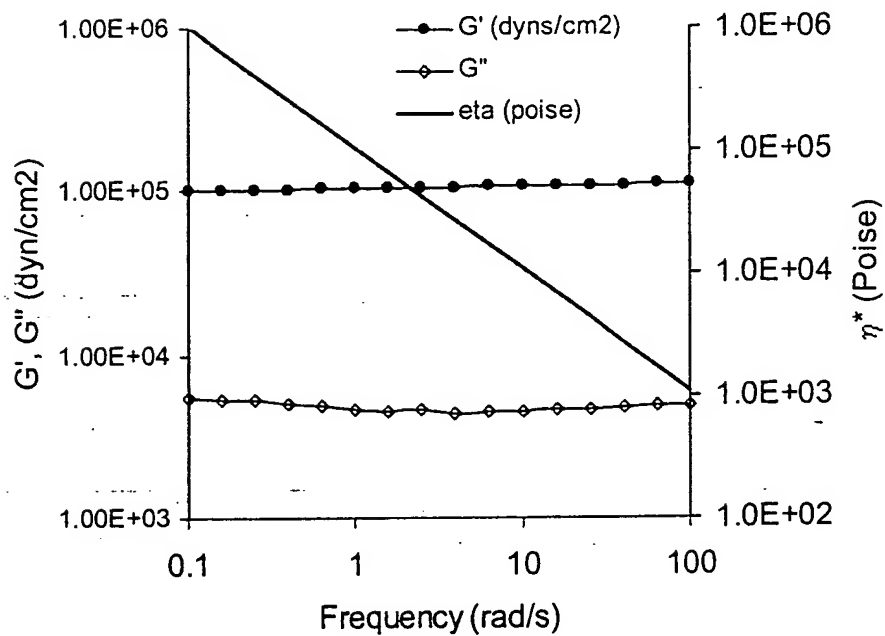


Figure 12.

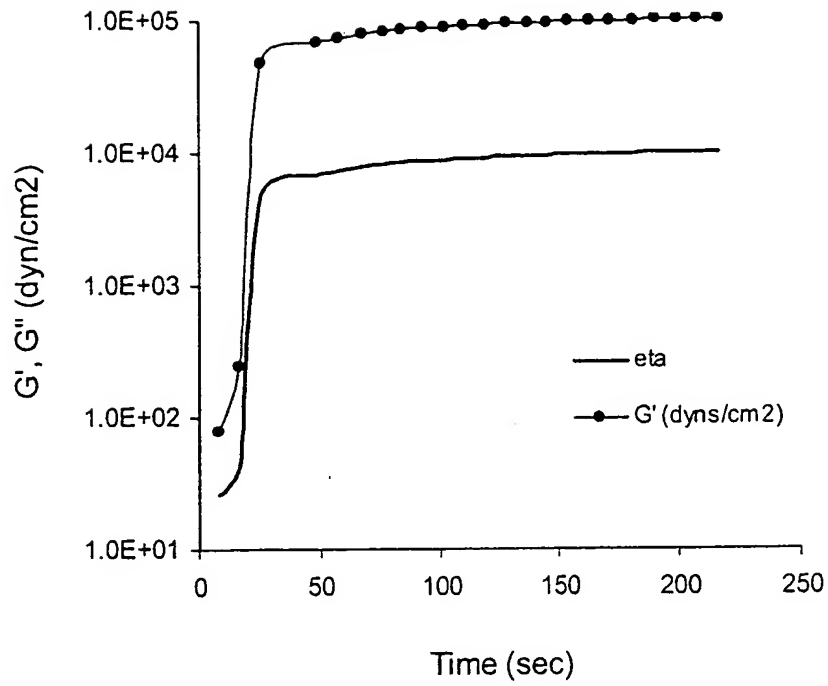


Figure 13.

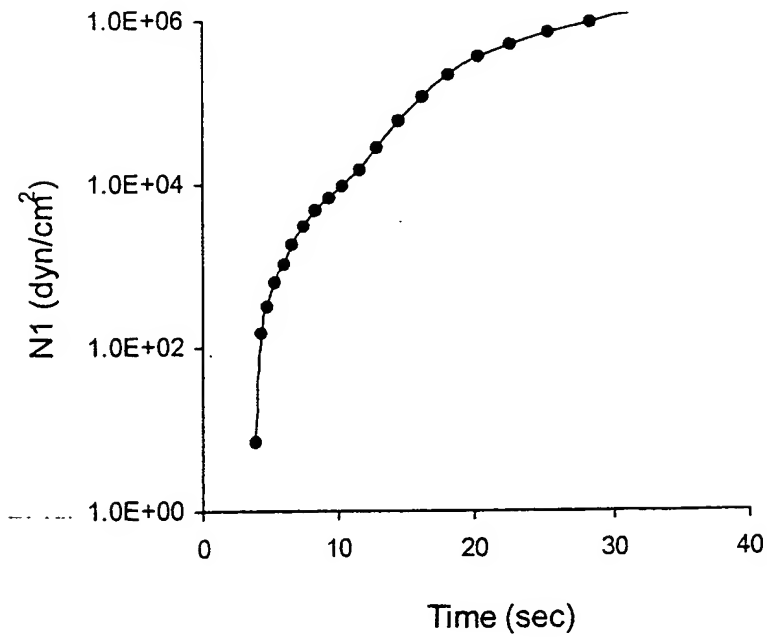


Figure 14.

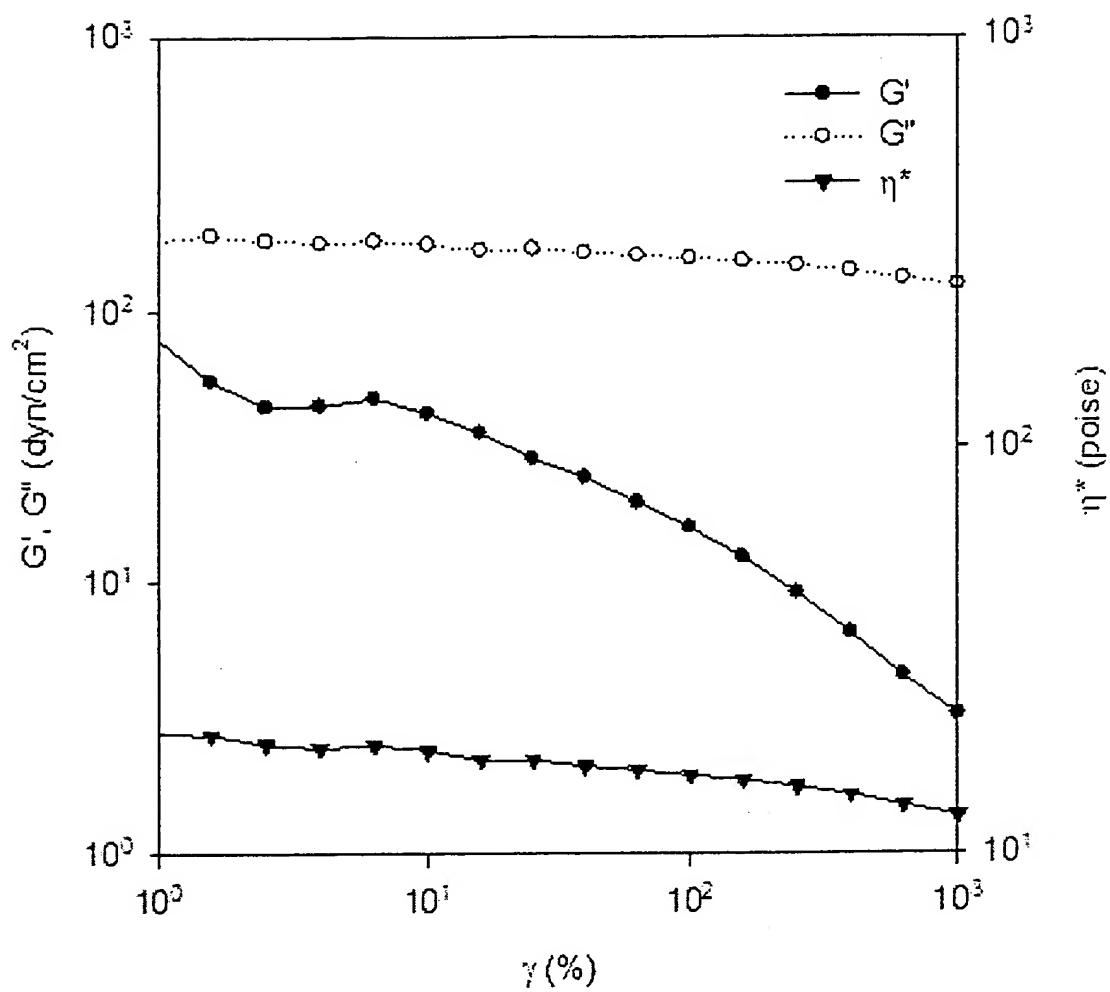


Figure 15.

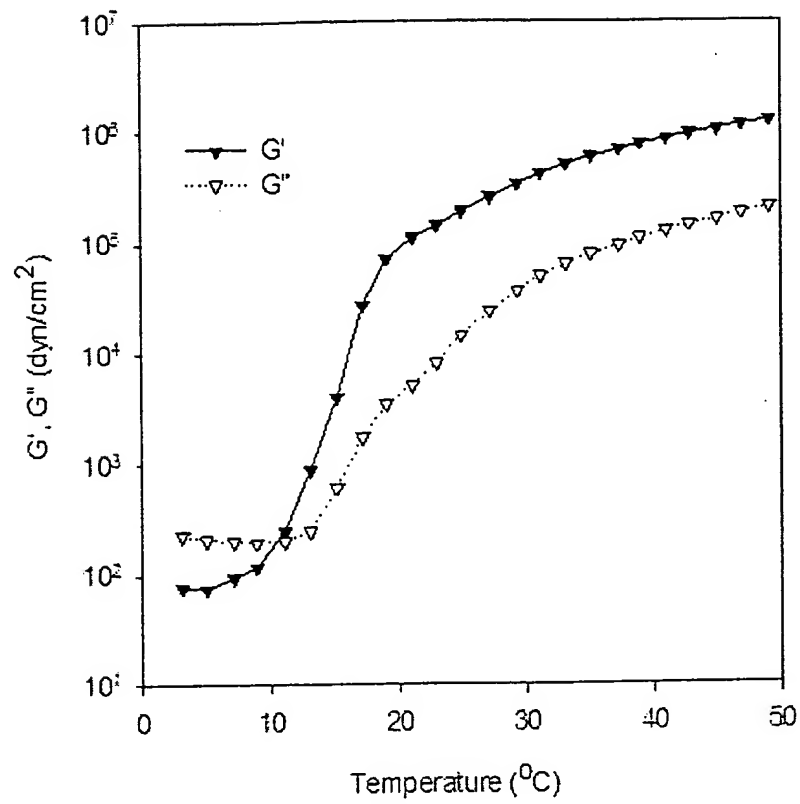


Figure 16.

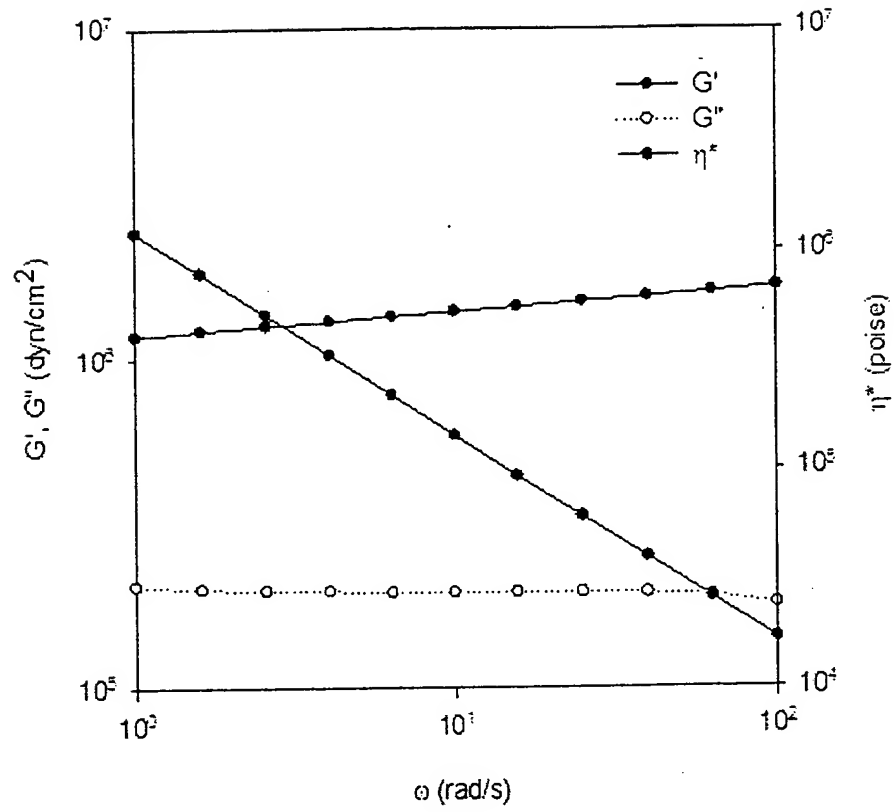


Figure 17.

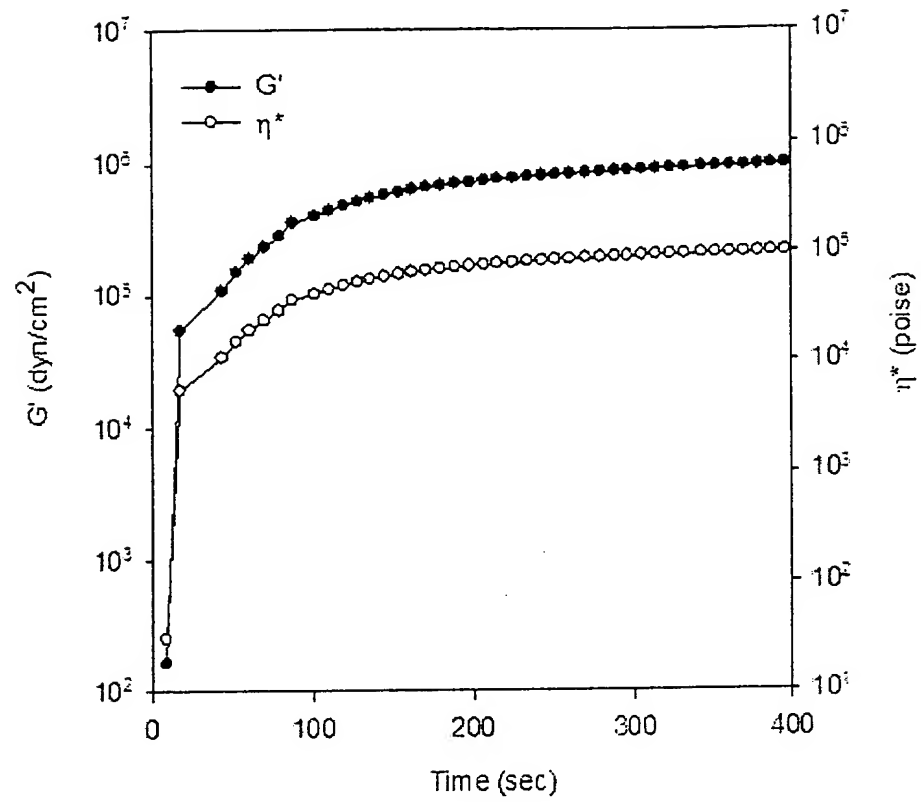


Figure 18.

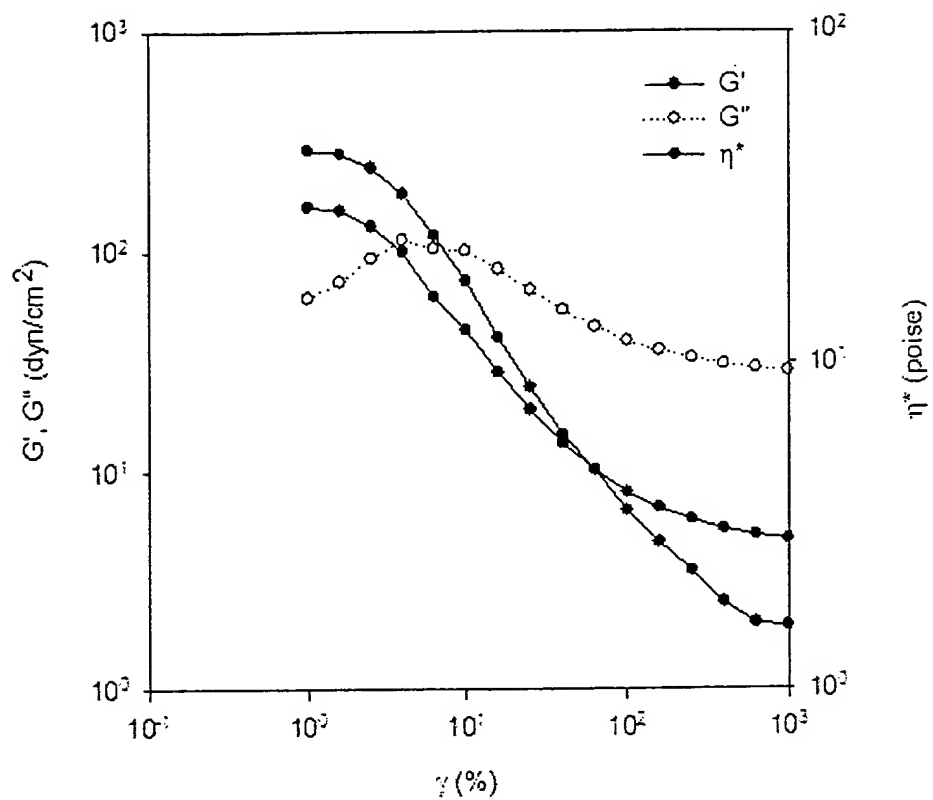


Figure 19.



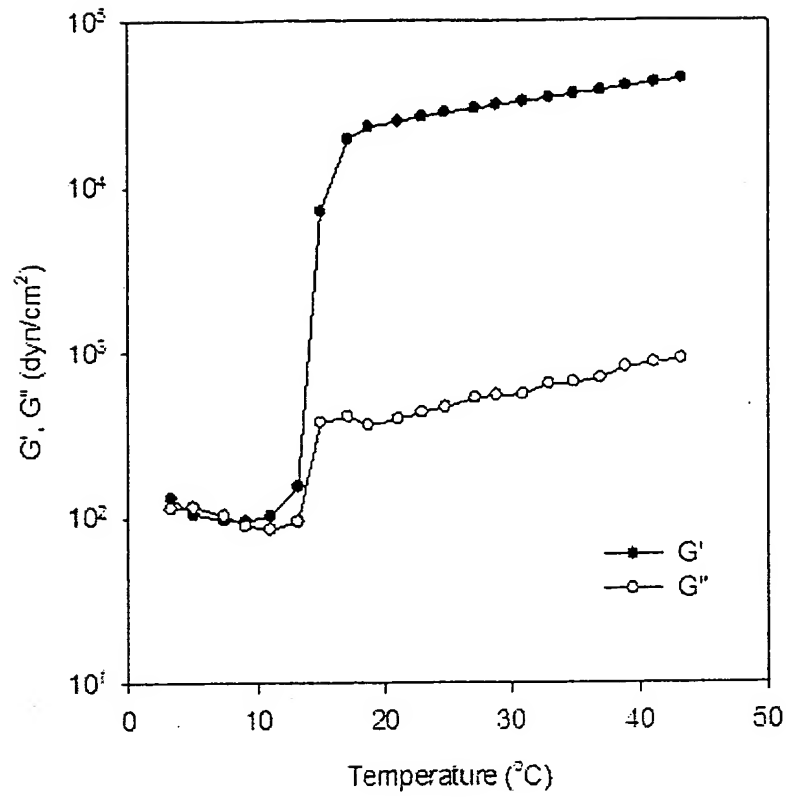


Figure 20.

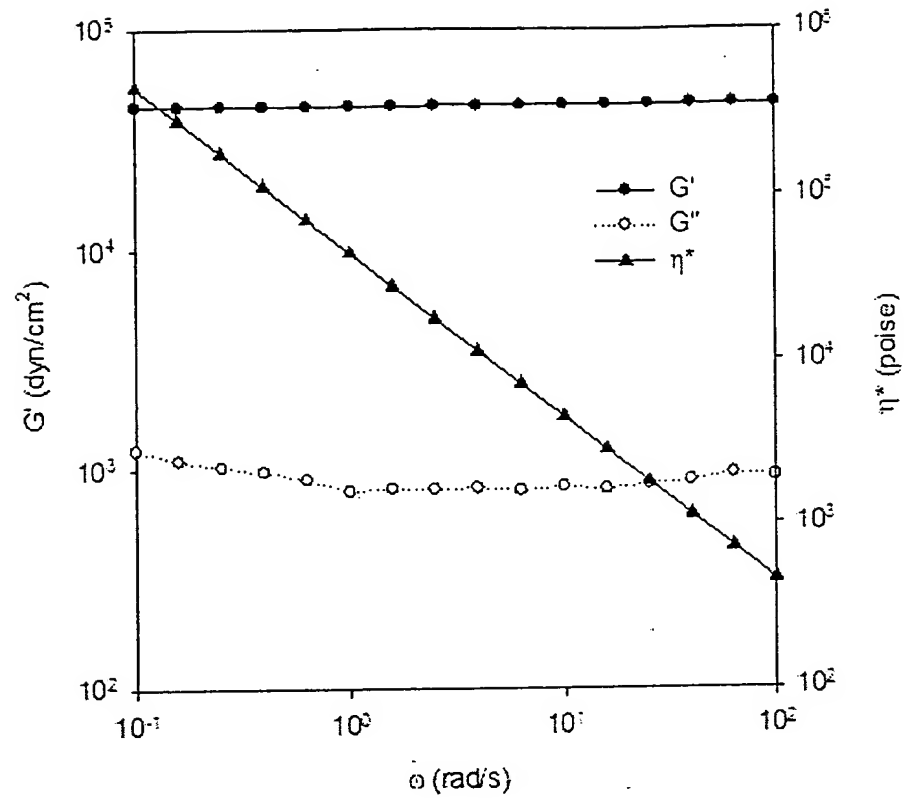


Figure 21.

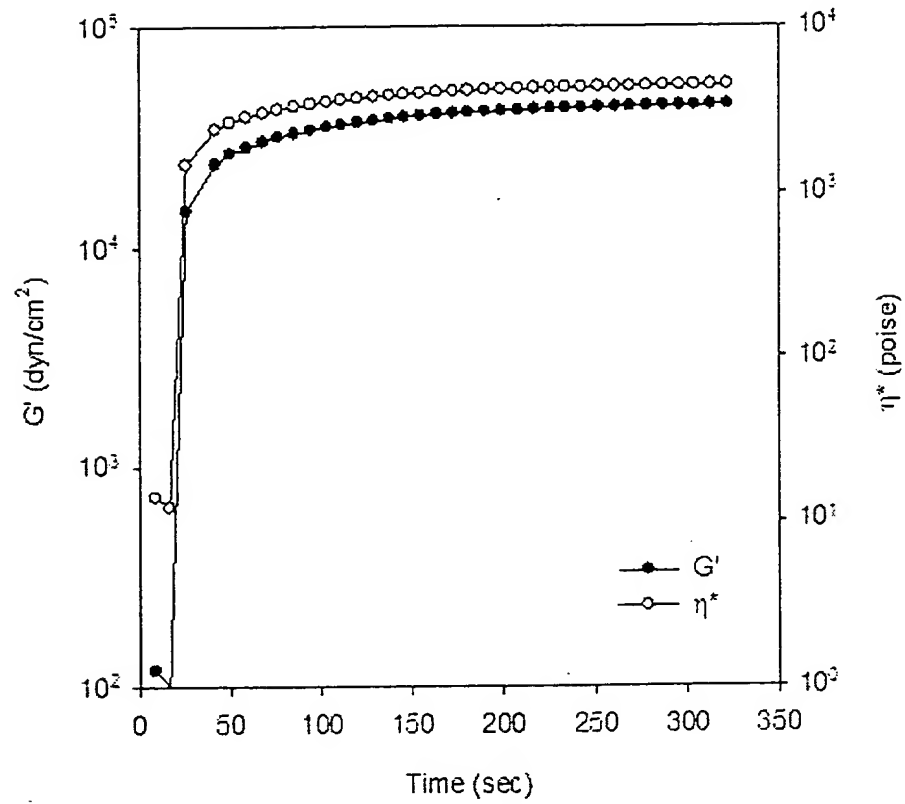


Figure 22.

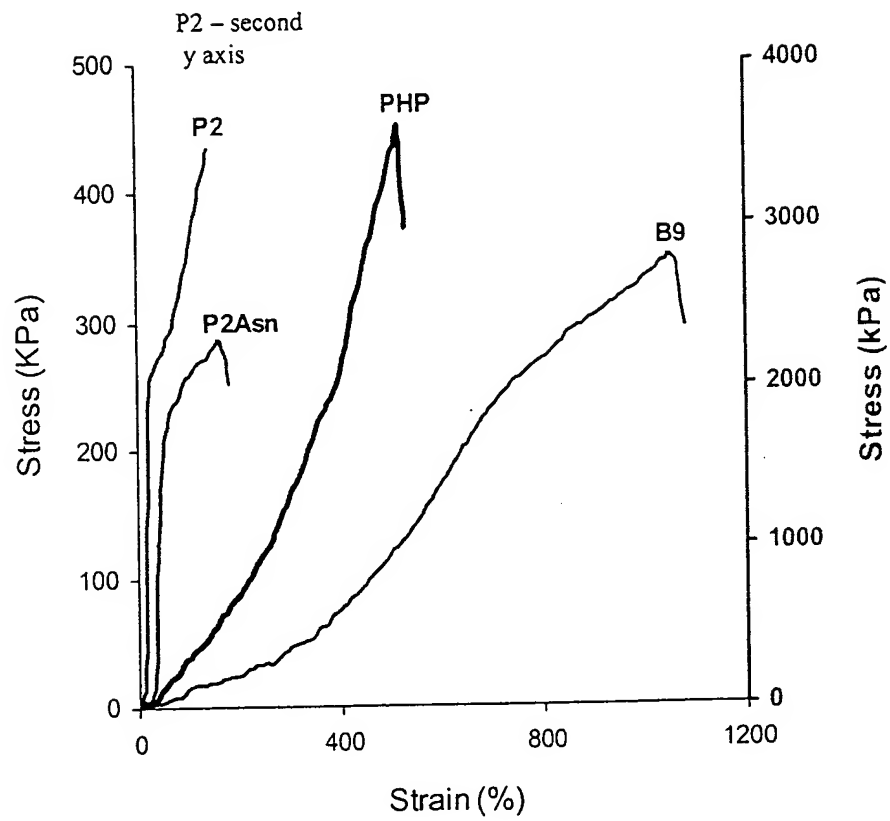


Figure 23

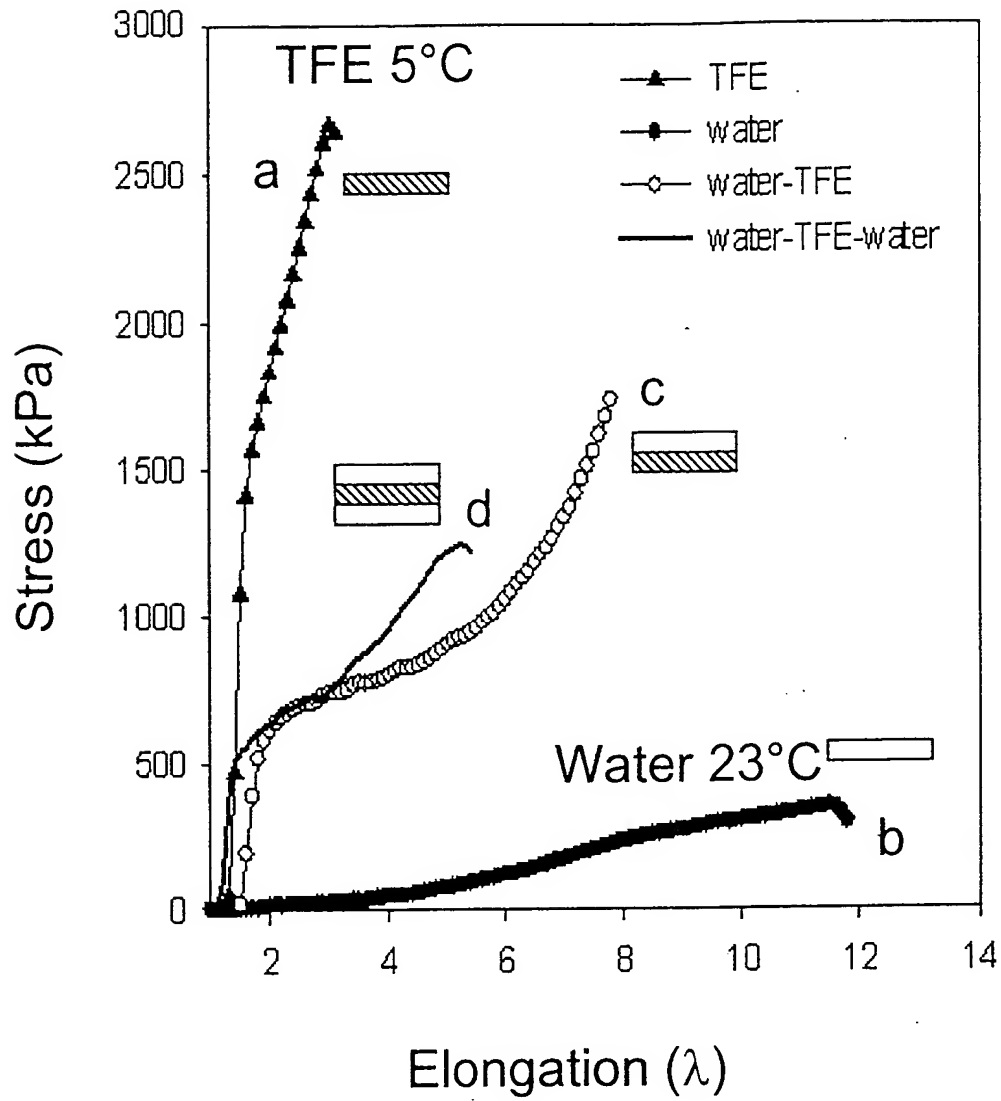


Figure 24.

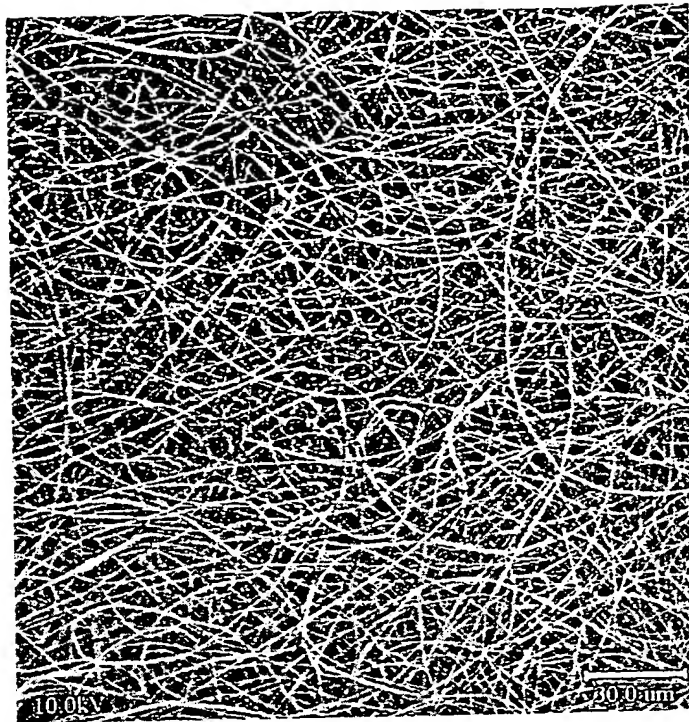


Figure 25A.

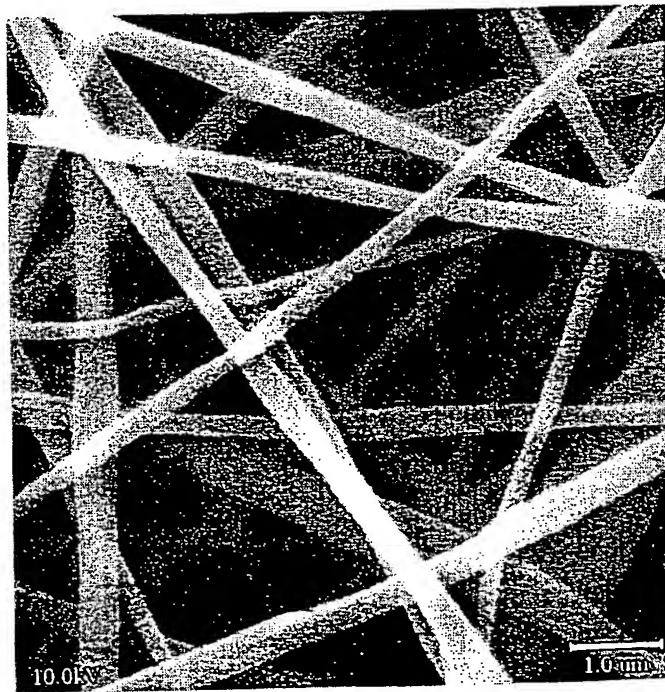


Figure 25B.

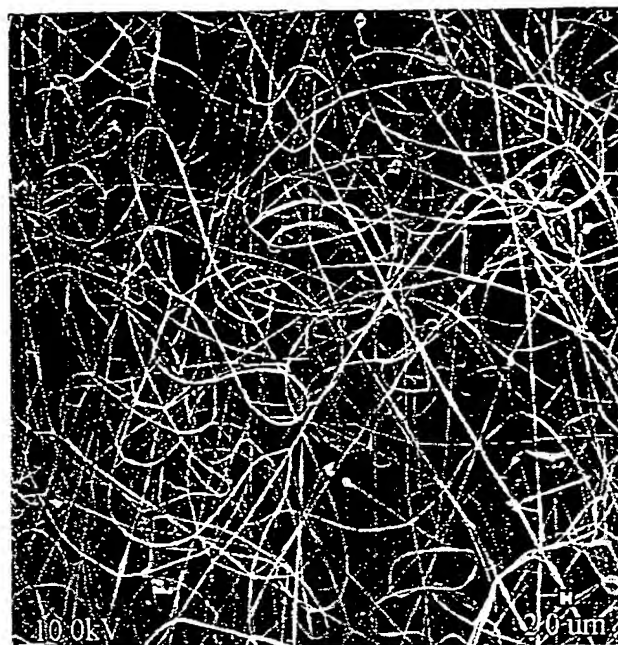


Figure 26A.

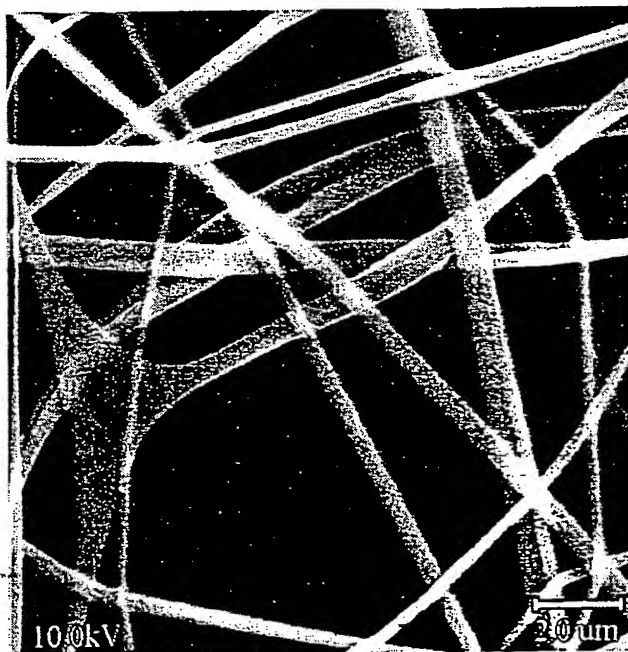


Figure 26B.



Figure 27A.



Figure 27B.



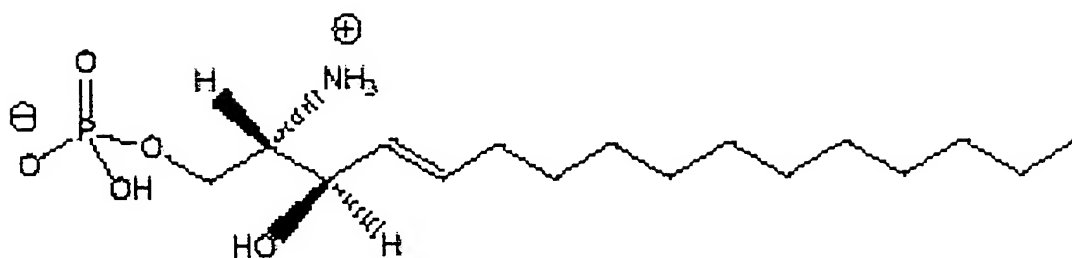


Figure 28.

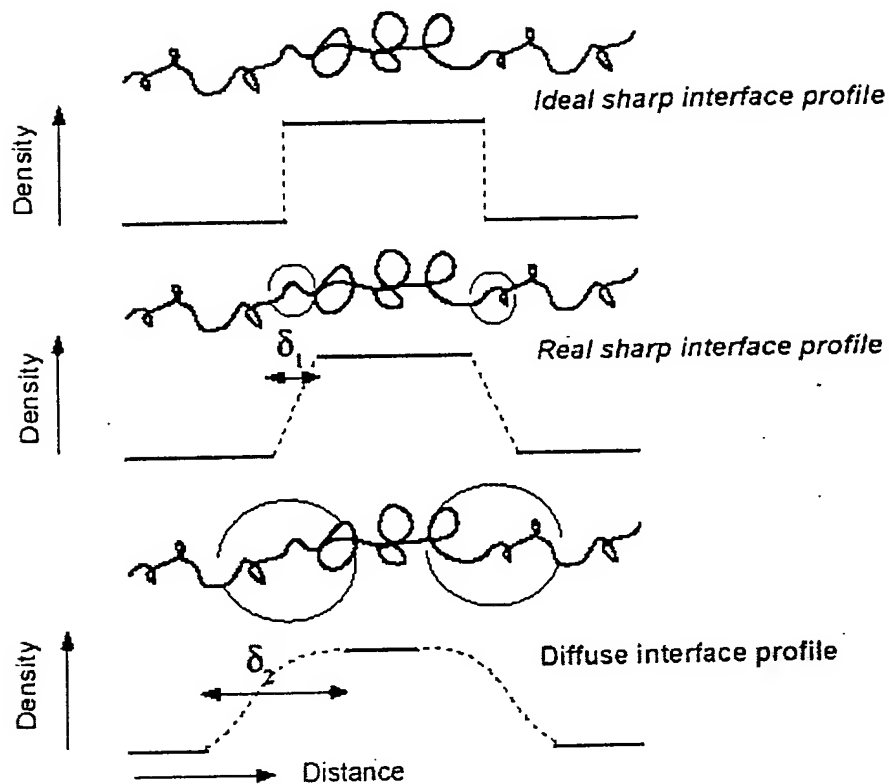


Figure 29.

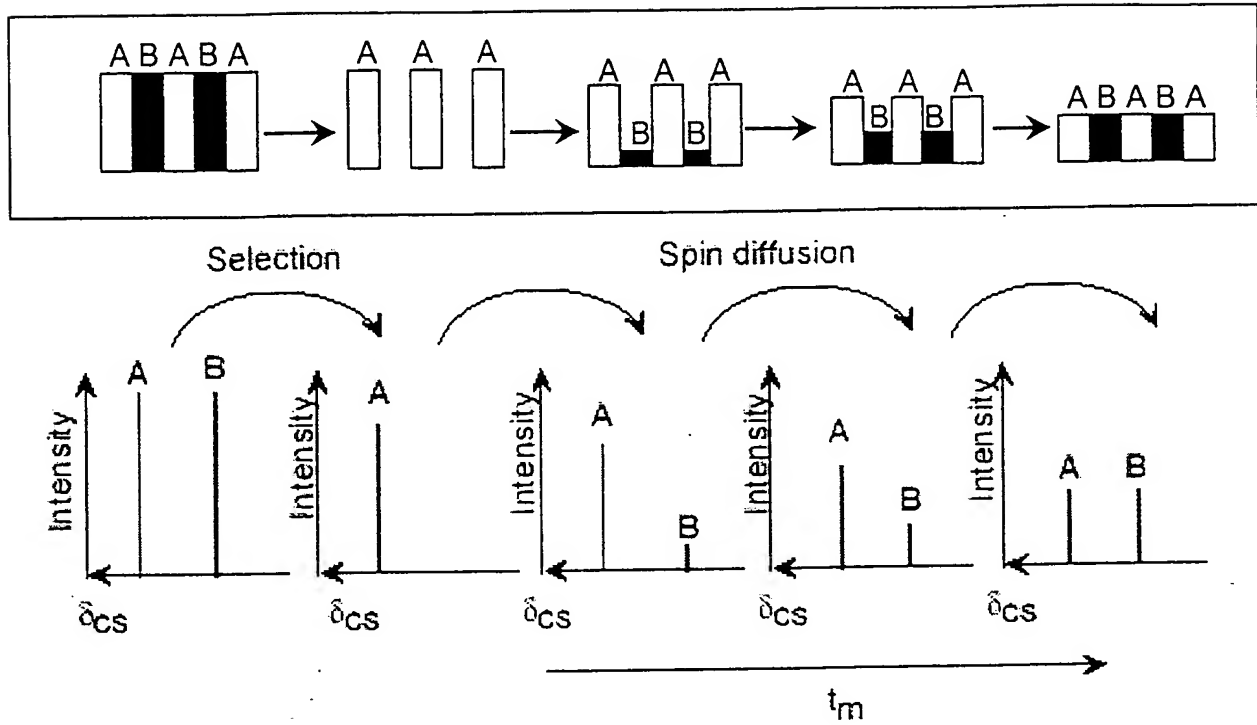


Figure 30.



Figure 31.

$^{13}\text{C}$  Solution-state spectrum of B9 labeled at alanine - $\text{CH}_3$

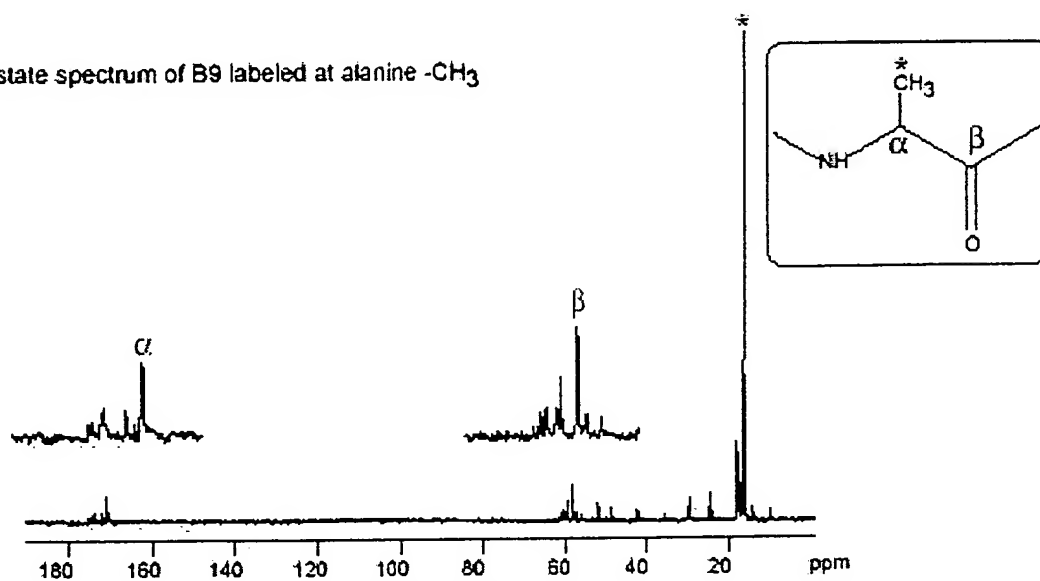


Figure 32.

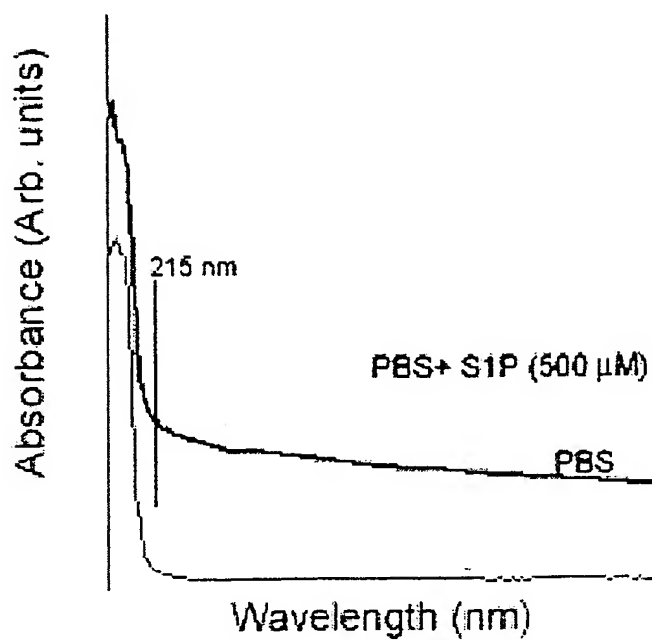


Figure 33.

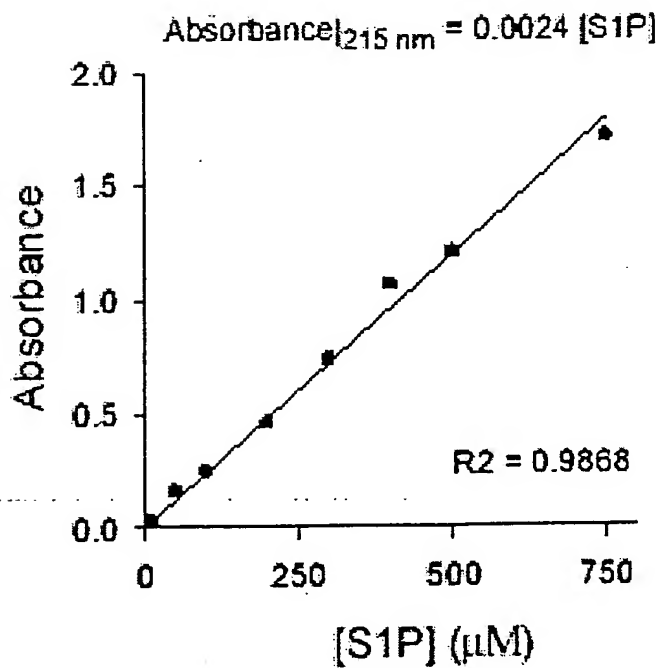


Figure 34.

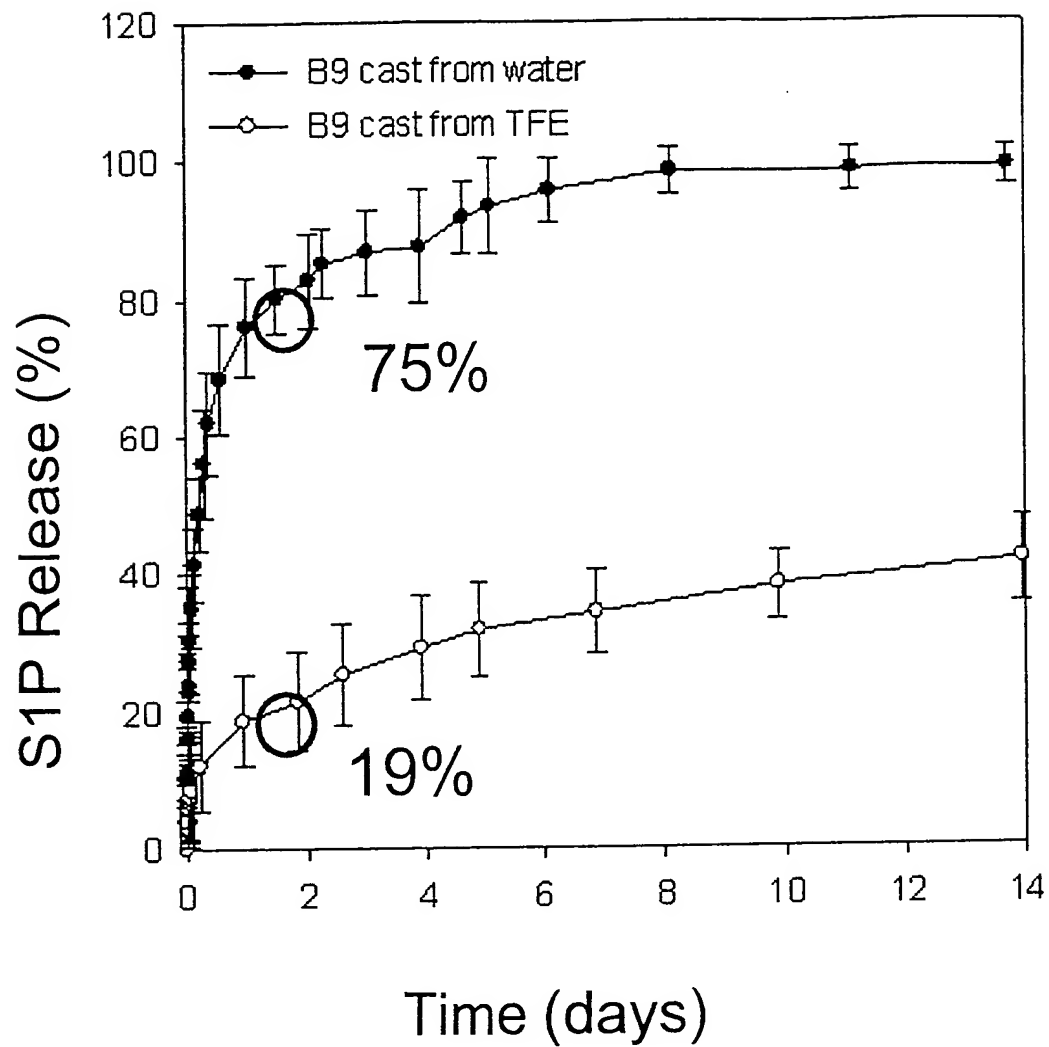


Figure 35.

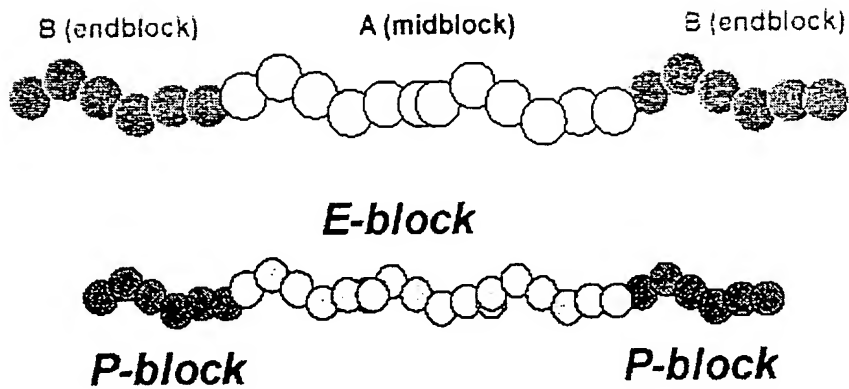


Figure 36.

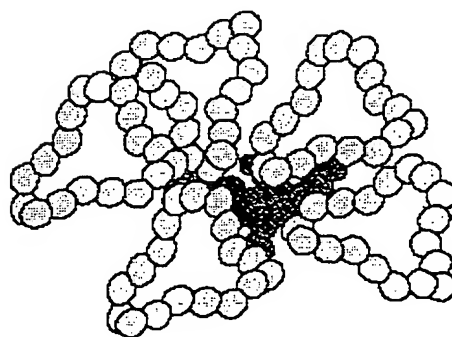


Figure 37.

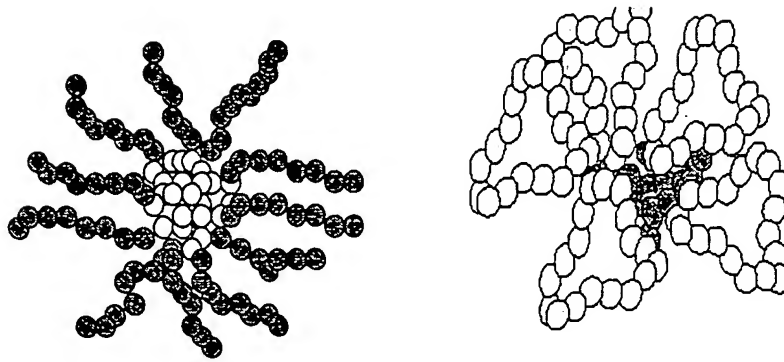


Figure 38.

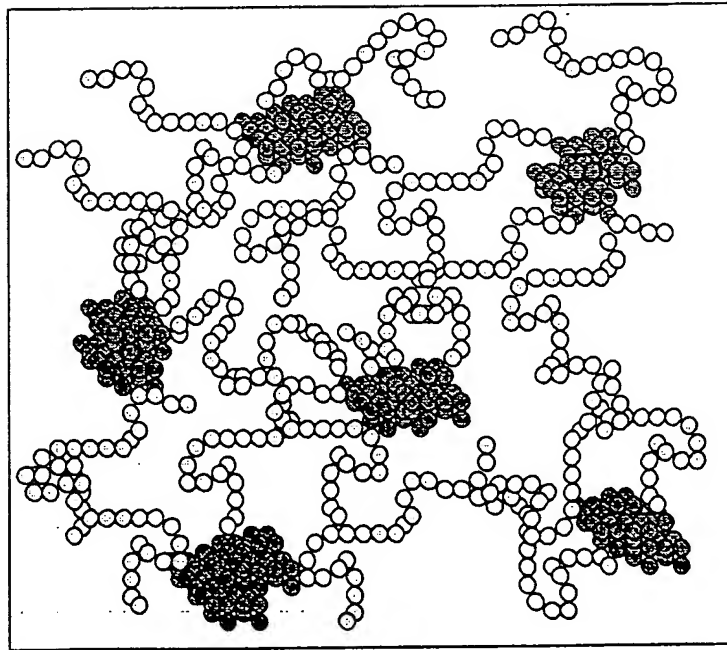


Figure 39.



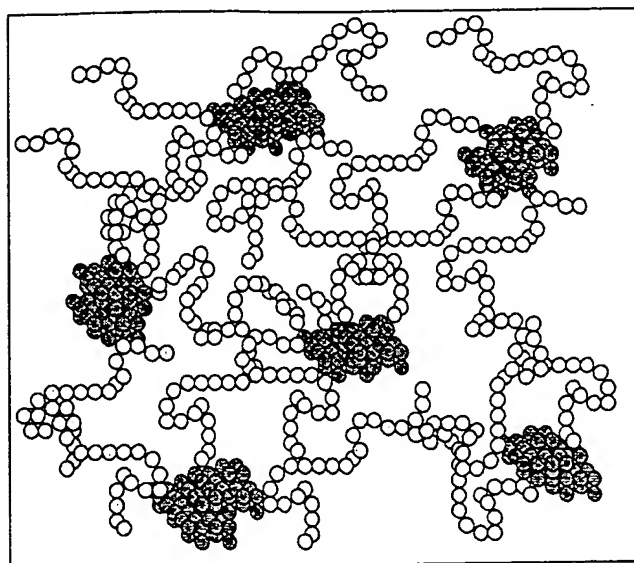


Figure 40A.

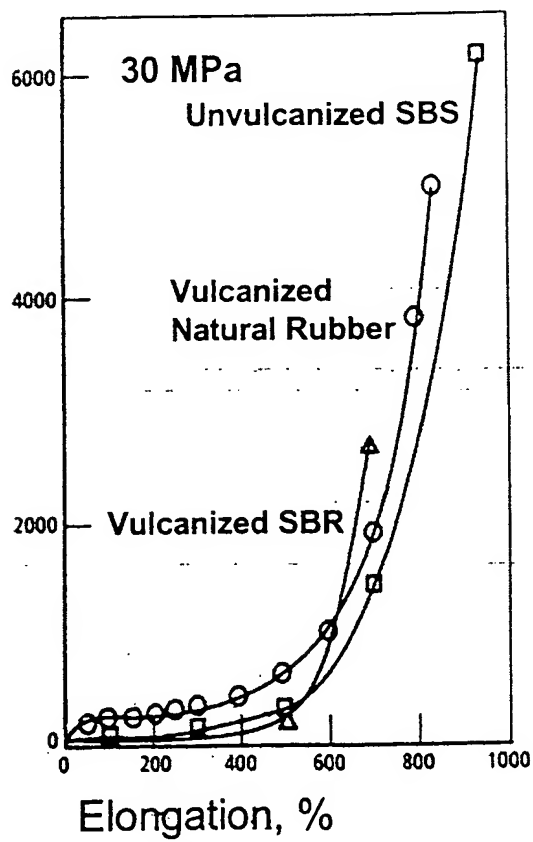


Figure 40B.

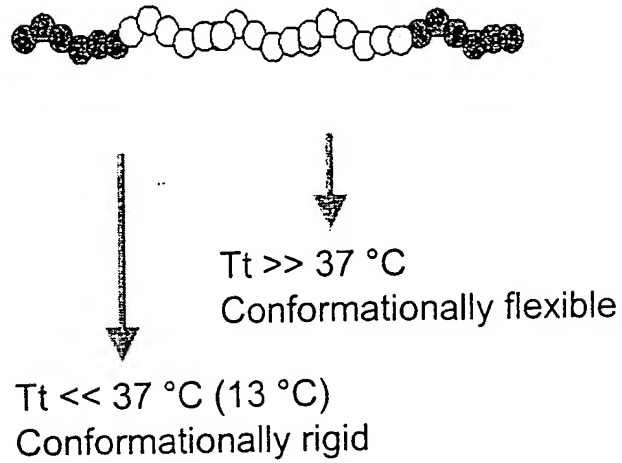


Figure 41.

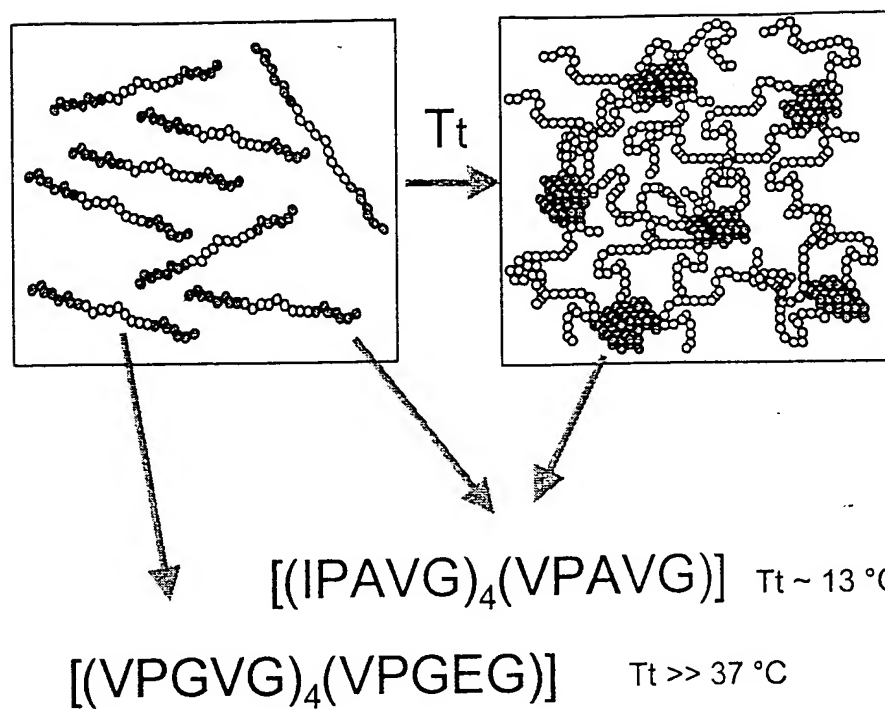


Figure 42.

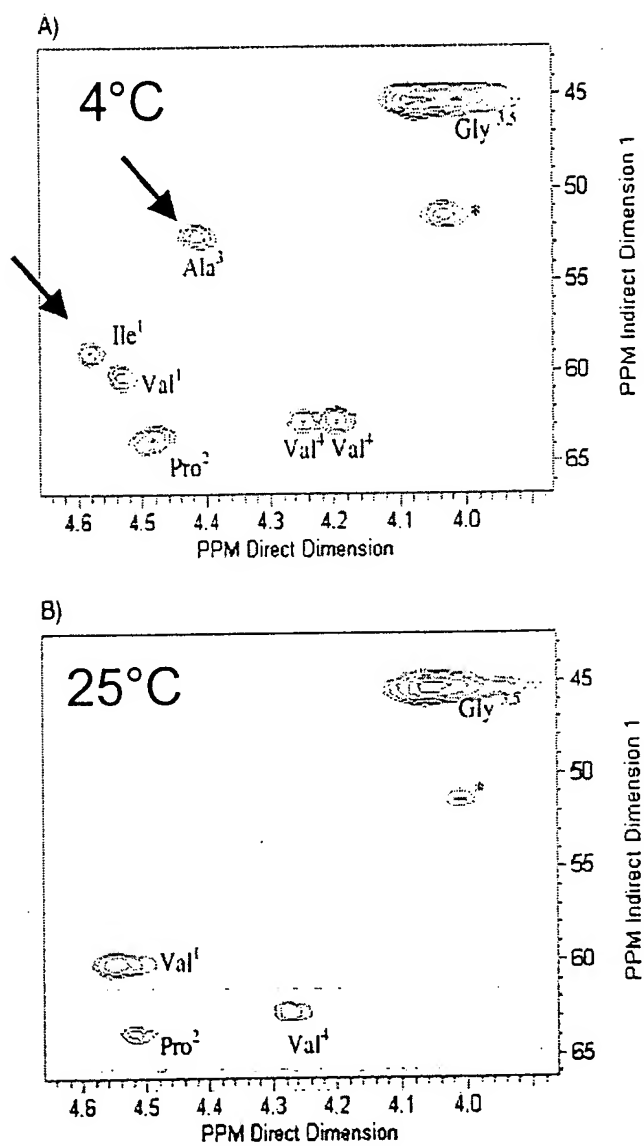


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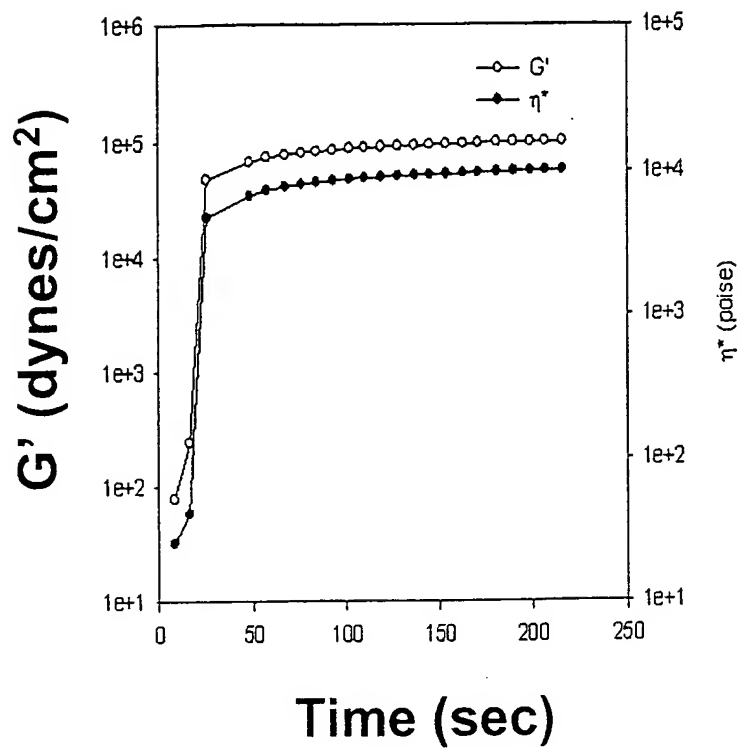


Figure 44.

Stress-strain curve

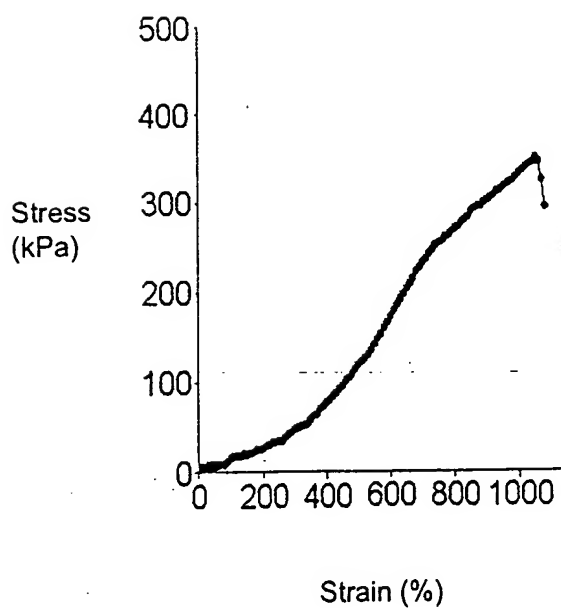


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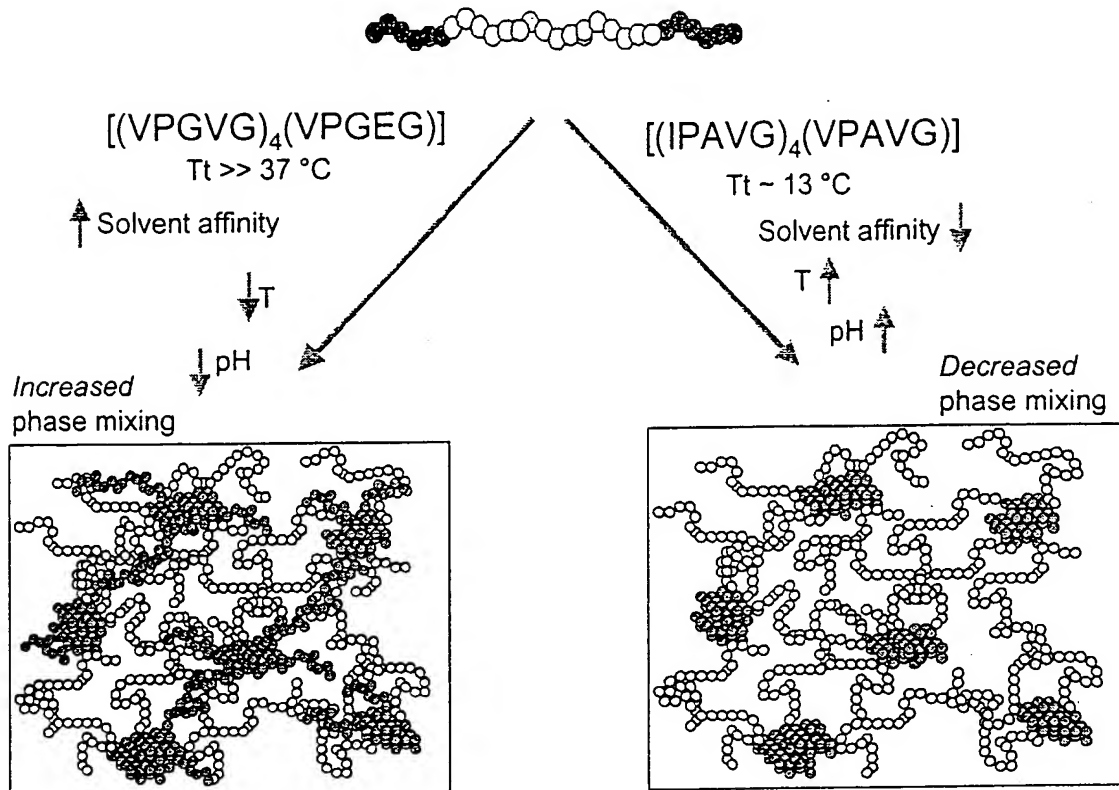


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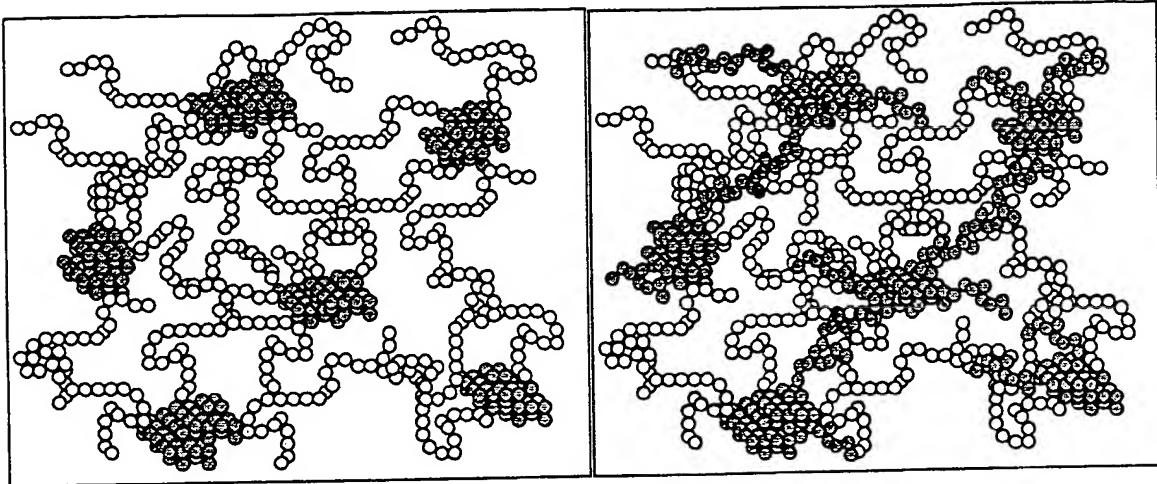


Figure 47.

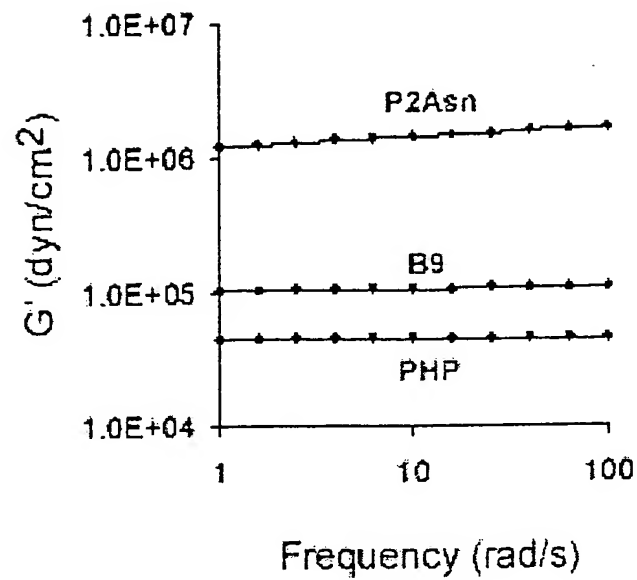


Figure 48A.

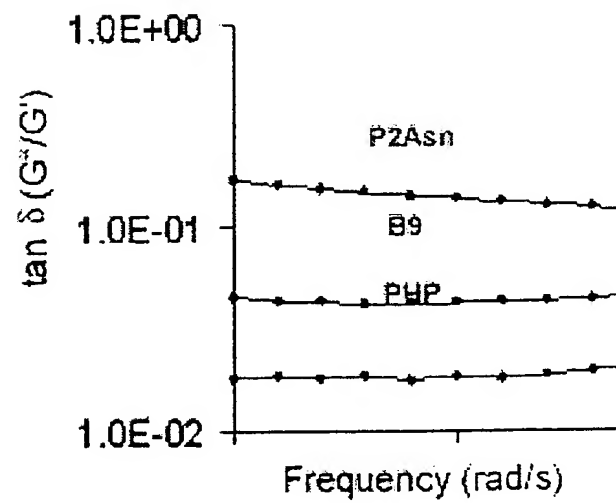


Figure 48B.



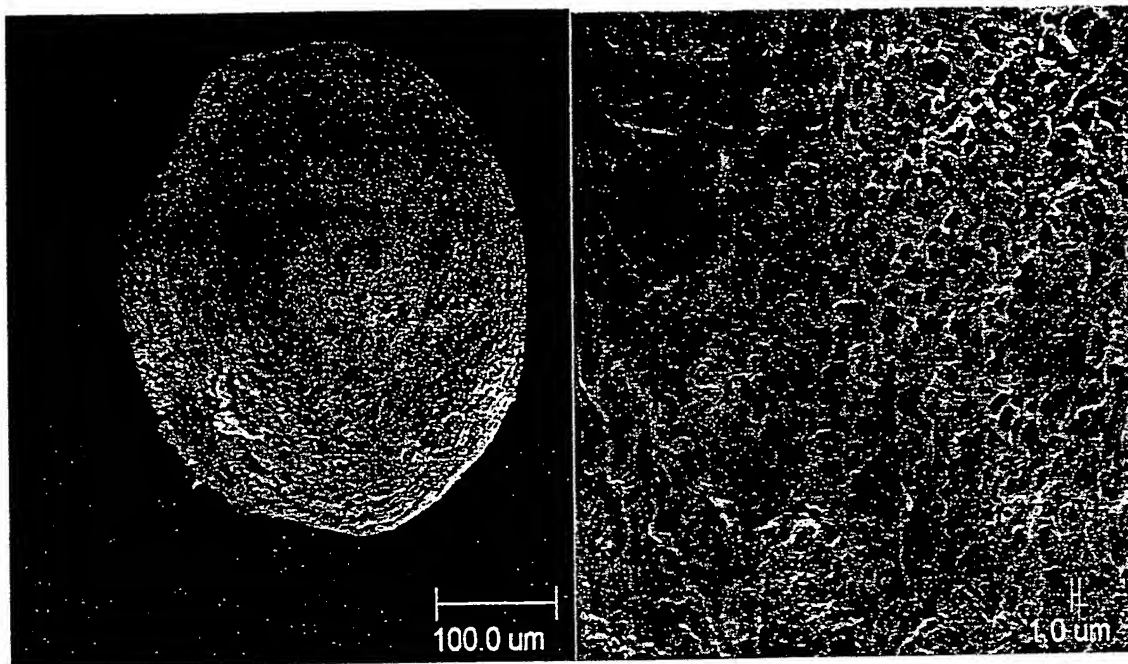


Figure 49.

Operating System: Windows 2000; Patentin 3.2.3

Applicant: Chaikof

Title: Plastic and elastic protein copolymers

Date data recorded-CRF: 20 Nov 2003

Atty Docket: 133-02 US

Application No.:

Appln Filing Date: 21 Nov 2003

Diskette No.: 1 of 1

Copy to (check one): USPTO\_X\_ Atty\_\_

GREENLEE, WINNER and SULLIVAN, P.C.  
5370 MANHATTAN CIRCLE, STE 201  
BOULDER, CO 80303  
(303) 499-8080

